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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Prabhu Krishnamoorthy et al.

Title: SYSTEM AND METHODS FOR SEGMENTING AND DISPLAYING TUBULAR VESSELS
IN VOLUMETRIC IMAGING DATA

Docket No.: 543.011US1

Filed: November 26, 2003

Examiner: Unknown

Serial No.: 10/723,445

Due Date: N/A

Group Art Unit: 2682

MS Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

☒ Return postcard.

☒ Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 12 cited documents.

If not provided for in a separate paper filed herewith, Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

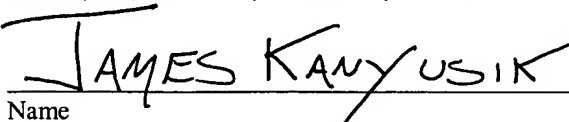
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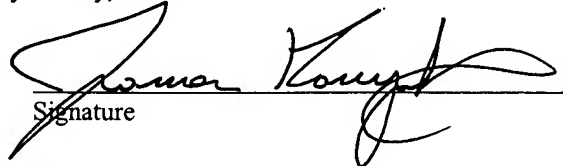
By: 

Atty: Suneel Arora

Reg. No. 42,267

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 13th day of May, 2006.


Name


Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)

S/N 10/723,445



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Prabhu Krishnamoorthy et al.	Examiner:	Unknown
Serial No.:	10/723,445	Group Art Unit:	2682
Filed:	November 26, 2003	Docket:	543.011US1
Title:	SYSTEM AND METHODS FOR SEGMENTING AND DISPLAYING TUBULAR VESSELS IN VOLUMETRIC IMAGING DATA		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :10/723,445

Filing Date: November 26, 2003

Title: SYSTEM AND METHODS FOR SEGMENTING AND DISPLAYING TUBULAR VESSELS IN VOLUMETRIC IMAGING DATA

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Dkt: 543.011US1

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.


Respectfully submitted,

PRABHU KRISHNAMOORTHY ET AL.

By their Representatives,

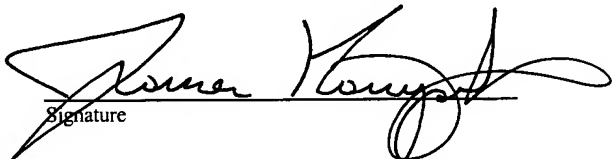
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Date May 17, 2006

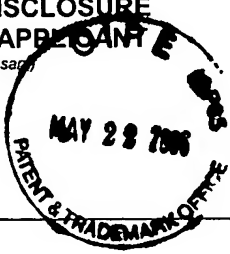
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JAMES KAUXGIR
Name


Signature

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/723,445
		Filing Date	November 26, 2003
		First Named Inventor	Krishnamoorthy, Prabhu
		Group Art Unit	2682
		Examiner Name	Unknown
Sheet 1 of 1		Attorney Docket No: 543.011US1	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
	WO-2005/055141A1	06/16/2005	Krishnamoorthy, P., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		AREF, W. G., et al., "An Algorithm for Perspective Viewing of Objects Represented by Octrees", <u>Computer Graphics Forum</u> , 14(1), (1995), 59-66	
		CABRAL, B., et al., "Accelerated Volume Rendering and Tomographic Reconstruction Using Texture Mapping Hardware", <u>Proceedings of the 1994 Symposium on Volume Visualization</u> , (1994), 91-98	
		COORG, S., et al., "Real-Time Occlusion Culling for Models With Large Occluders", <u>Proceedings of the ACM SIGGRAPH Symposium on Interactive 3D Graphics 1997</u> , (April, 1997), 83-90 and 189	
		DURAND, F., et al., "Conservative Visibility Preprocessing using Extended Projections", <u>Proceedings of the 27th Annual Conference on Computer Graphics and Interactive Techniques</u> , (2000), 239-248	
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		HUDSON, T., et al., "Accelerated Occlusion Culling Using Shadow Frusta", <u>Proceedings of the Thirteenth Annual Symposium on Computational Geometry</u> , (1997), 10 pages	
		LEVOY, M., "Efficient Ray Tracing of Volume Data", <u>ACM Transactions on Graphics</u> , 9(3), (July, 1990), 245-261	
		MEIBNER, MICHAEL, et al., "A practical Evaluation of Popular Volume Rendering Algorithms", <u>Proceedings of the 2000 IEEE Symposium on Volume Visualization</u> , (2000), 81-90	
		SCHAUFLER, G., et al., "Conservative Volumetric Visibility With Occluder Fusion", <u>Proceedings of the 27th Annual Conference on Computer Graphics and Interactive Techniques</u> , (2000), 229-238	
		ZHANG, H., et al., "Visibility Culling Using Hierarchical Occlusion Maps", <u>Proceedings of the 24th Annual Conference on Computer Graphics and Interactive Techniques</u> , (1997), 77-88	
		ZUIDERVELD, K. J., et al., "Acceleration of Ray-Casting Using 3D Distance Transforms", <u>Visualization in Biomedical Computing II, Proc. SPIE 1808</u> , (1992), 324-335	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1448)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached